

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>15186-21PCT</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/CA 02/ 01066</b>	International filing date (day/month/year) <b>16/07/2002</b>	(Earliest) Priority Date (day/month/year) <b>16/07/2001</b>

Applicant

**ART ADVANCED RESEARCH TECHNOLOGIES INC.**

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☒ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.

6



None of the figures.

## INTERNATIONAL SEARCH REPORT

International Application No

PC 02/01066

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61B5/00 G06F17/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61B G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 515 165 A (CARROLL ROBERT) 7 May 1985 (1985-05-07) column 5, line 32 - line 64 column 16, line 25 - column 17, line 42 column 19, line 32 - column 20, line 3 column 20, line 63 - column 21, line 2; claims 9-11, 16, 20, 21, 33, 34, 43; figures 15-19	18
X	US 4 945 239 A (WIST ABUND O ET AL) 31 July 1990 (1990-07-31) column 8, line 64 - column 9, line 44; claims 43, 44	18

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

16 December 2002

Date of mailing of the international search report

30/12/2002

Name and mailing address of the ISA

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## INTERNATIONAL SEARCH REPORT

International Application No

PC 02/01066

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99 27343 A (WAKE ROBERT H ;IMAGING DIAGNOSTIC SYSTEMS INC (US)) 3 June 1999 (1999-06-03) page 5, line 17 - line 24 page 18, line 16 -page 19, line 21 page 22, line 3 -page 23, line 13 page 28, line 13 -page 30, line 11 page 33, line 1 - line 13 abstract -----	18
A	WO 00 42902 A (ART ADVANCED RESEARCH TECHNOLO) 27 July 2000 (2000-07-27) page 6, line 11 -page 7, line 10 page 18, line 13 - line 19 page 21, line 7 -page 22, line 8; claims 2,4 -----	18
A	US 5 371 368 A (HO PING-PEI ET AL) 6 December 1994 (1994-12-06) column 1, line 30 -column 2, line 54 column 4, line 34 -column 5, line 50 column 11, line 46 -column 12, line 7 column 16, line 10 -column 17, line 67; claims 1,2 -----	18

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CA 02/01066

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 1-17  
because they relate to subject matter not required to be searched by this Authority, namely:  
Rule 39.1(iv) PCT - Diagnostic method practised on the human or animal body
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PC A 02/01066

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4515165	A	07-05-1985	AU 547510 B2	24-10-1985
			AU 6675481 A	13-08-1981
			BE 887366 A1	01-06-1981
			CA 1149631 A1	12-07-1983
			DE 3103609 A1	03-12-1981
			FR 2481454 A1	30-10-1981
			GB 2068537 A , B	12-08-1981
			IT 1135280 B	20-08-1986
			JP 56119232 A	18-09-1981
US 4945239	A	31-07-1990	NONE	
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			CA 2309214 A1	03-06-1999
			CN 1279594 T	10-01-2001
			EP 1034417 A2	13-09-2000
			JP 2001524664 T	04-12-2001
			US 2002100864 A1	01-08-2002
			WO 9927343 A2	03-06-1999
			US 6339216 B1	15-01-2002
WO 0042902	A	27-07-2000	AU 2088300 A	07-08-2000
			WO 0042902 A1	27-07-2000
			EP 1146811 A1	24-10-2001
			JP 2002535631 T	22-10-2002
			US 6415172 B1	02-07-2002
US 5371368	A	06-12-1994	US 5644429 A	01-07-1997